

WHAT IS CLAIMED IS:

- Sub B1
1. A method for producing graphite carbon powder, comprising filling a container made of carbon with carbon powder which has been prepared from carbon material through crushing in advance, and heating the carbon powder for graphitization by means of ohmic-resistance heating of the container
- 5 through a supply of electricity to the container.

- Sub E1
2. A method for producing graphite carbon powder according to claim 1, wherein the container is employed in a plurality of numbers such that the containers are stacked one on another, electricity is applied from one end of the stacked containers to an opposite end, and ohmic resistance at contact faces
- 5 of the stacked containers is utilized as a main source of ohmic-resistance heating.

3. A method for producing graphite carbon powder according to claim 1, wherein the container is divided into portions in a direction perpendicular to a longitudinal direction of the container, and the divided portions are assembled to constitute a single container.

4. A method for producing graphite carbon powder according to any one of claim 1 through 3, wherein electricity is applied from a water-cooled graphite guide electrode which is pressed to the end of the container.

- Sub B2
5. A method for producing graphite carbon powder according to claim 4, wherein that graphite material which is inserted between the end of the container and the guide electrode prevents heat loss at the end of the graphite container.

12. A graphite powder which is prepared according to the method as described in claim 11, wherein an interlayer distance (C_0) in a C-axis direction in crystal is 6.730 Å or less.

13. A graphite powder which is prepared according to the method as described in claim 11, and wherein an interlayer distance (C_0) in a C-axis direction in crystal is 6.725 Å or less.

14. An electrode material for a lithium-ion secondary battery which makes use of the graphite carbon powder as described in any one of claims 9,10,12 or 13.

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